

Amendments to the Specification:

Please amend the paragraph at page 5, line 25 as follows:

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

And please amend the paragraph at page 9, lines 8-24 as follows:

A concave portion 27 is formed at a portion corresponding to protrusions 23a of catalyst layer 23 in a first surface 24a of the opposite substrate 24 facing to the first surface 21a of the substrate 21. The concave portion has a width of about 0.21 mm to 1.5 mm and a depth of 0.1 mm to 0.3 mm, and the depth of the concave portion 27 is larger than the height of the protrusions 23a, and moreover the width of the concave portion 27 and the diameter of the outflow port 25 and the inflow port 26 are set to be 105% or more ~~larger than~~ of the width of the groove 22 (preferably, less than 150%). By setting the width of the concave portion 27 larger than the width of the groove 22 in this way, the protrusions 23a protruding from the groove 22 can be received in the concave portion 27 even if some displacement occurs when the substrate 21 and the opposite substrate 24 are bonded.